

Questionnaire for selecting RINGSPANN Overrunning Clutches

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Company:	Date:
Address:	Enquiry Ref.:
.....	Phone:
Name:	Fax:
Department:	E-mail:

1. Where will the Overrunning Clutch be used?

<p>1.1 Type of machine, machine group or installation, in which the overrunning clutch will be used:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>1.2 Arrangement of the overrunning clutch (if possible, please include specification, data sheet, sketch or drawing with connection dimensions).</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
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2. Operating data

<p>2.1 In driving operation the drive of the overrunning clutch will be carried out by:</p> <p><input type="checkbox"/> Asynchronous motor</p> <p style="margin-left: 20px;"><input type="checkbox"/> direct start-up</p> <p style="margin-left: 20px;"><input type="checkbox"/> λ-Δ-start-up</p> <p><input type="checkbox"/> Other electric motor</p> <p style="margin-left: 20px;">Type: _____</p> <p><input type="checkbox"/> Combustion engine</p> <p style="margin-left: 20px;">Type: _____</p> <p style="margin-left: 20px;">Number of cylinders: ____</p> <p><input type="checkbox"/> Turbine</p> <p><input type="checkbox"/> Other (please explain in more detail):</p> <p>_____</p> <p>_____</p>	<p>2.3 Maximum torque _____ Nm (Important for drives that develop their maximum torque below their nominal speed.)</p> <p>2.4 Speed</p> <p>1. in driving operation: from _____ min⁻¹ to _____ min⁻¹</p> <p>2. in freewheeling operation: (when overrunning clutch is disengaged)</p> <p style="margin-left: 20px;">Primary part (driver) from _____ min⁻¹ to _____ min⁻¹</p> <p style="margin-left: 20px;">Secondary part (driven machine) from _____ min⁻¹ to _____ min⁻¹</p> <p>2.5 Should the overrunning clutch be combined with a shaft coupling?</p> <p><input type="checkbox"/> with an elastic coupling</p> <p><input type="checkbox"/> with a torsionally stiff coupling</p> <p><input type="checkbox"/> _____</p>	<p>2.6 If, upon start up, larger masses are to be accelerated:</p> <p style="margin-left: 20px;">Moment of inertia: J = _____ kgm²</p> <p style="margin-left: 20px;">Speed of mass: n = _____ min⁻¹</p> <p>2.7 Torque fluctuations/torsional vibrations during driving operation generate the following torque limits</p> <p><input type="checkbox"/> Minimum torque M_{min} = _____ Nm</p> <p><input type="checkbox"/> Maximum torque M_{max} = _____ Nm</p> <p><input type="checkbox"/> Minimum or Maximum torque is not known</p> <p>2.8 Daily operating time: _____ hours (h) thereof _____ (h) driving operation thereof _____ (h) freewheeling operation</p>
<p>2.2 To be transmitted in driving operation:</p> <p>Power: _____ kW or</p> <p>Torque: _____ Nm</p>		

3. Installation conditions

<p>3.1 <input type="checkbox"/> Open, outside</p> <p><input type="checkbox"/> Open, in a closed room</p> <p><input type="checkbox"/> in the machine housing</p> <p style="margin-left: 20px;"><input type="checkbox"/> Lubrication by means of oil bath or oil mist in the machine housing</p> <p style="margin-left: 20px;"><input type="checkbox"/> Connection to the central lubrication system is possible</p> <p>Name of lubricant: _____</p> <p>Kinematic viscosity _____ mm²/s _____ °C</p>	<p>3.2 Ambient temperature on the freewheel: from _____ °C to _____ °C</p> <p>3.3 Other (e.g. accessibility, dust susceptibility and other environmental influences that could be of significance):</p> <p>_____</p> <p>_____</p> <p>_____</p>
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4. Estimated requirements

_____ Pieces (one-off)

_____ Pieces/month

_____ Pieces/year

5. Enclosures

Specifications

Data sheet

Sketch/drawing

Questionnaires